

VICINITY MAP

NOT TO SCALE

02-065.01

W-1

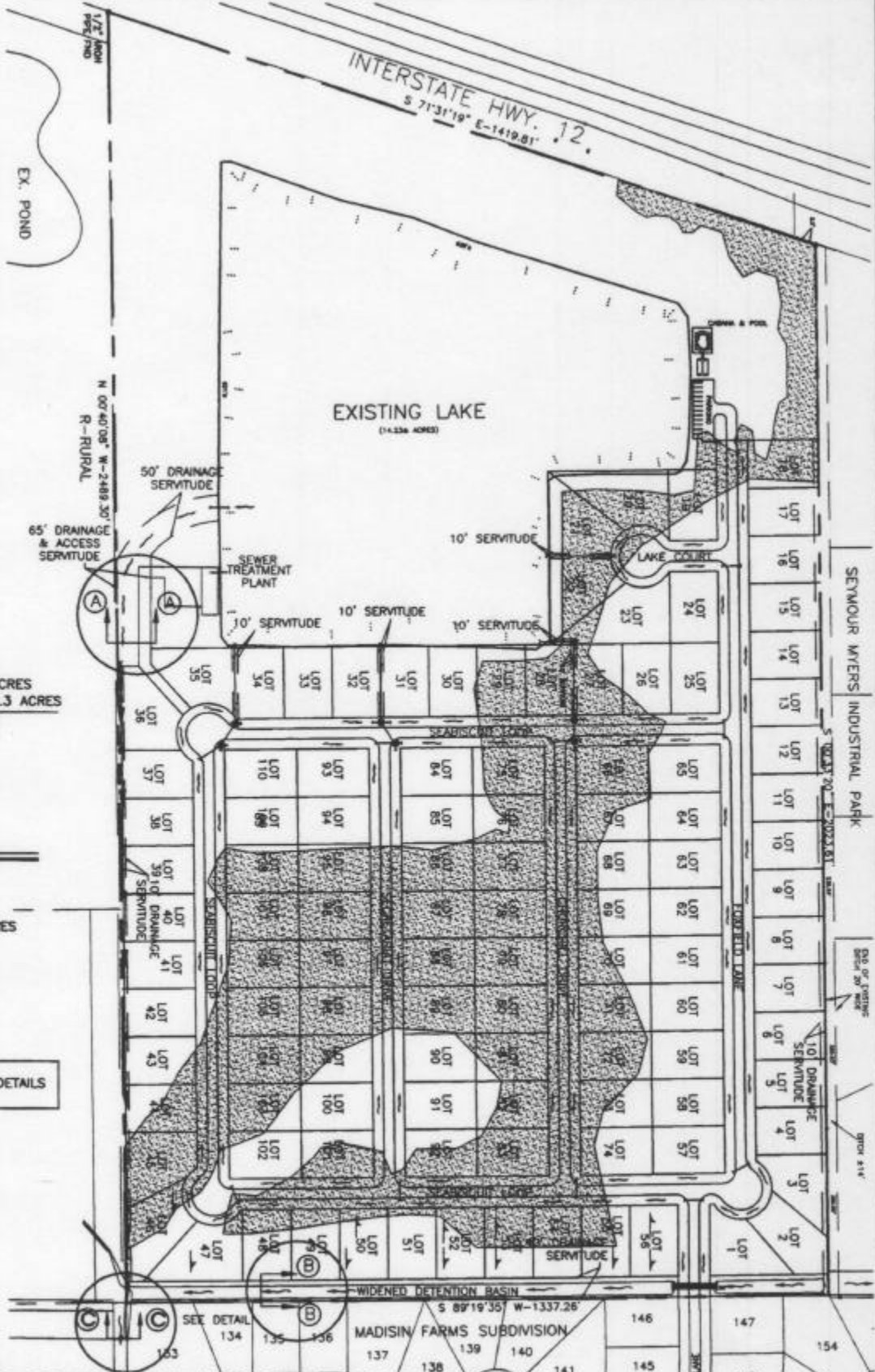
12-15-03

WETLANDS PLANS FOR
THE LAKE AT MADISON FARM
 SECTION 10, TOWNSHIP 7 SOUTH, RANGE 10 EAST
 ST. TAMMANY PARISH, LOUISIANA

CEI COOPER ENGINEERING, INC.

Civil Engineering • Planning • Environmental
 P.O. Box 1870 Covington, Louisiana 70434 (985) 845-8155

C:\R-13\VARUSO\02-065\WETLANDS\W-5 02-17-04



NOTE:

DISTURBED WETLANDS - ±16.0 ACRES
 NON-DISTURBED WETLANDS - ±2.3 ACRES
 TOTAL WETLANDS - ±18.3 ACRES

LEGEND:

- GREENSPACE
- WETLANDS - ±18.3 ACRES
- SERVITUDES
- DITCH FLOW

SEE SHEET W-5.1 FOR SECTION DETAILS

DEVELOPED SITE WITH WETLANDS

SCALE: 1" = 300'

02-065.01

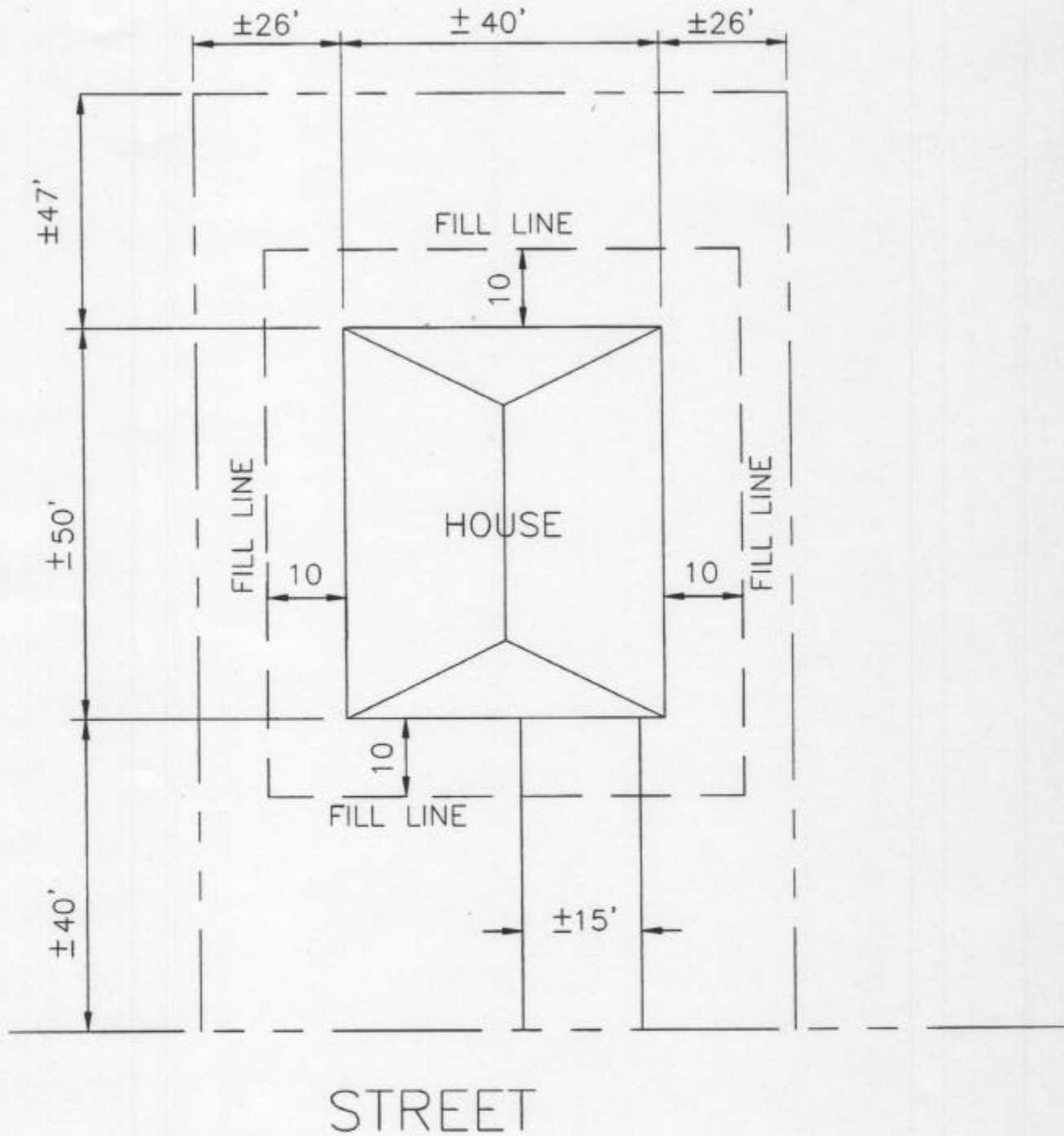
W-5

REV 02-17-04
 REV 01-13-04
 12-15-03

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TYPICAL PLAN VIEW

NOT TO SCALE

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W-4

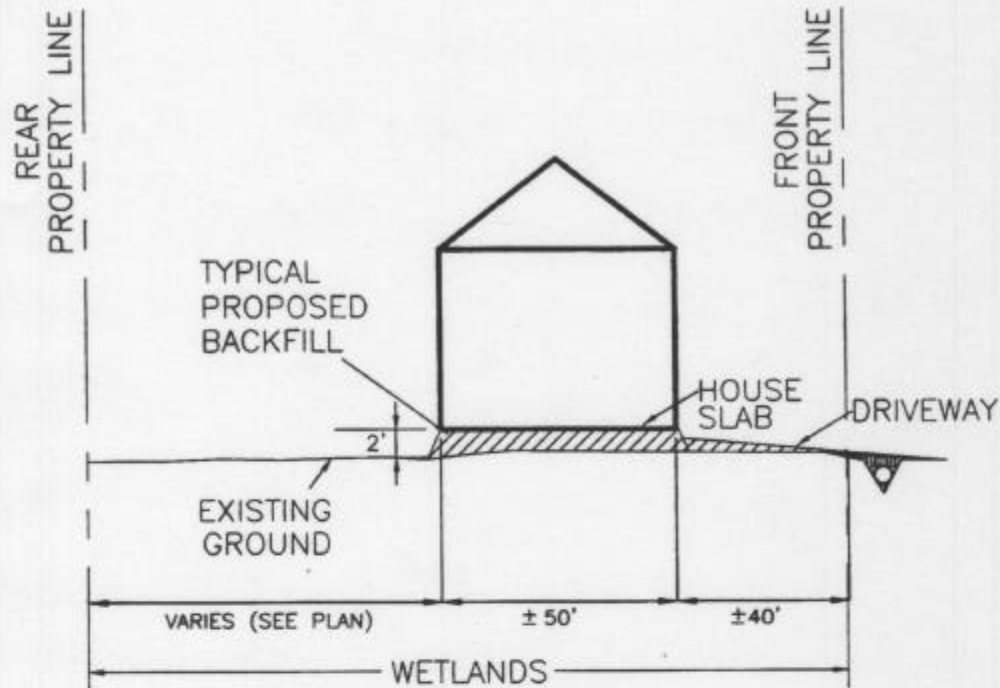
REV 02-05-04
12-15-03

WETLANDS PERMIT FOR

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NOTES:

AVERAGE LOT SIZE IS $\pm 12,600$ S.F. ALL OF THE LOTS IN FLOOD ZONE "C". ONLY FILL REQUIRED IS TYPICAL TO CONSTRUCT BUILDING SLAB AND PAVEMENT ON GRADE.

TYPICAL BUILDING SLAB TO BE FILLED ABOUT $1\frac{1}{2}'$ (1.5 FOOT) ABOVE EXISTING GRADE. THEREFORE TOTAL YARDS OF FILL BENEATH BUILDINGS IN WETLANDS = $\pm 4,500$ CUBIC YARDS.

TYPICALLY CONCRETE AND DRIVEWAYS TO BE FILLED MAXIMUM 6" ABOVE NATURAL GRADE. THEREFORE TOTAL ESTIMATED FILL FOR PAVING IN WETLANDS = ± 150 CUBIC YARDS. FILL IN ROADWAY = ± 150 CUBIC YARDS.

TOTAL ESTIMATED FILL REQUIRED FOR HOUSING, DRIVEWAYS & ROADWAYS IN WETLANDS IS APPROX. ± 4800 CUBIC YARDS.

TYPICAL DEVELOPED LOT

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W-3

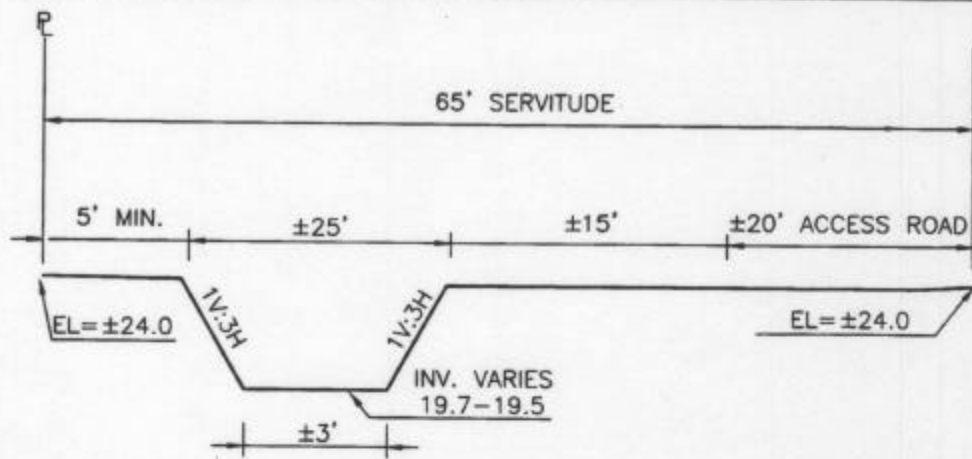
REV 02-10-04
12-18-03

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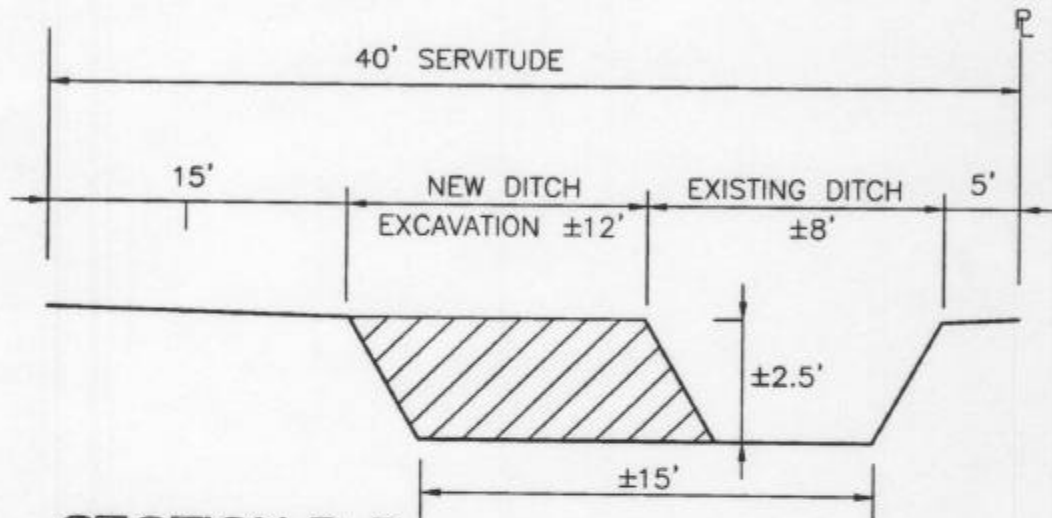
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SECTION A-A

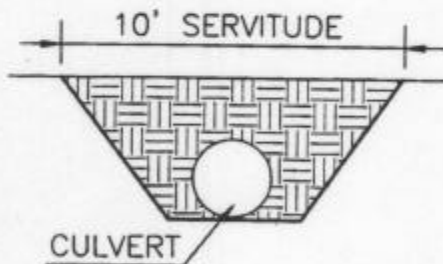
NOT TO SCALE



SECTION B-B

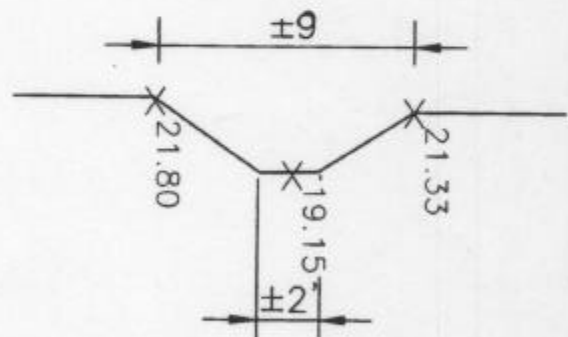
NOT TO SCALE

*EXCAVATED MATERIAL TO BE SPREAD ON NON-WETLANDS



TYPICAL 10' SUB-SURFACE DRAINAGE SERVITUDE

NOT TO SCALE



EXISTING OUTFALL DITCH SECTION C-C

NOT TO SCALE

EXISTING ELEVATIONS

02-065.01

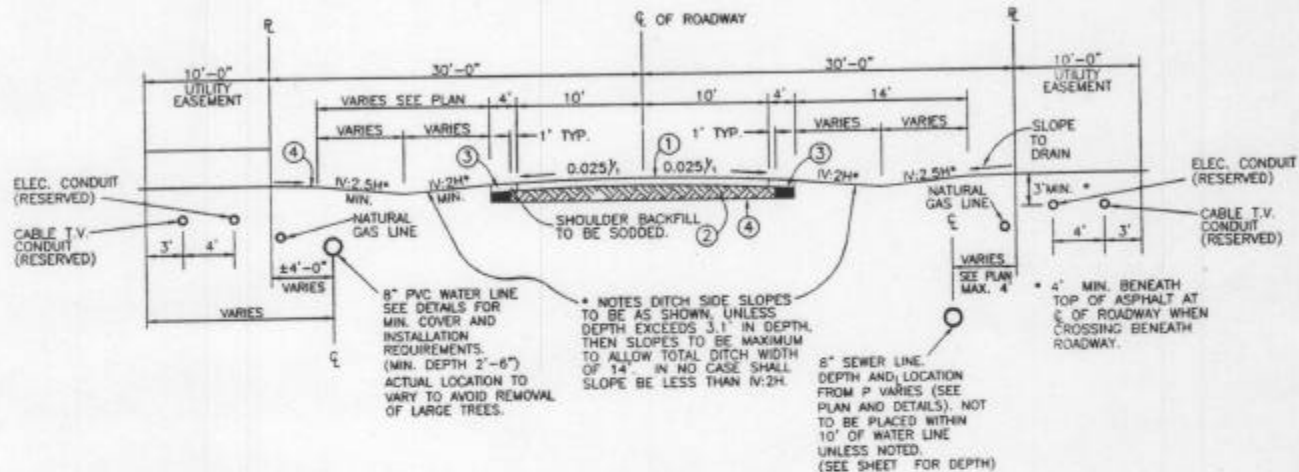
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02-13-04

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TYPICAL ASPHALTIC ROADWAY SECTION

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LEGEND: FOR ASPHALT PAVING

- ① 4" THICK (MIN.) ASPHALT PAVEMENT. (2" TYPE DPW-1 WEARING COURSE, 2" TYPE 3 - BINDER COURSE)
- ② 12" (MIN.) EXISTING BASE, STABILIZED WITH 10% (BY VOLUME) TYPE 1 PORTLAND CEMENT, AND COMPACTED TO 95% OF ITS STANDARD PROCTOR DENSITY. (22' WIDE)
- ③ MIN. 6" THICK, SHOULDER BACKFILL MATERIAL, COMPACTED TO 92% OF ITS STANDARD PROCTOR DENSITY. MATERIAL TO BE IN COMPLIANCE WITH THE APPLICABLE SECTION OF THE LOUISIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AND LATEST REVISIONS THERETO.
- ④ EXISTING GROUND.

BASE PREPARATION AND PAVING NOTES:

1. ALL WORK AND MATERIAL TO BE IN COMPLIANCE WITH LOUISIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION, UNLESS OTHERWISE NOTED.
2. EXISTING TOP SOIL IN PROPOSED ROAD BED TO BE EXCAVATED AND REMOVED AS NECESSARY FOR FINAL GRADE.
3. GRUB REMAINING BASE MATERIAL TO A DEPTH OF 12" BEFORE TREATING WITH CEMENT.

ROADWAY SECTION

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W-6

1-21-04

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